

ANTIQUITIES SECTION
DIVISION OF STATE HISTORY
603 East, South Temple
Salt Lake City, Utah 84102

5755

APPLICATION FOR A PERMIT TO CONDUCT ARCHEOLOGICAL INVESTIGATIONS UNDER THE PROVISIONS OF THE UTAH STATE ANTIQUITIES ACT OF 1973 AND THE IMPLEMENTING REGULATIONS ADOPTED BY THE STATE BOARD OF HISTORY.

Applicant Organization Kelmine Corporation

Principal Investigator David B. Madsen

Responsible Supervisor Steven R. Simms

Nature of Applicant Organization Mining corporation

Qualifications of Responsible Individuals Steven R. Simms performing fieldwork under approval of state archaeologist Madsen
Simms, B.A. anthropology U. Utah; M.A. anthropology U. Nevada.

Nature of Proposed Investigations Clearance of cultural resources on state mineral lease 33315. Two, one acre parcels are proposed development sites. Each of the areas will be disturbed by building and waste rock deposition. Both areas will be intensively surveyed for cultural resources that may be damaged by the above mentioned development.

Area to be Investigated (must be specific and must be accompanied by a sketch or map)

Both areas are in T43S R14E section 31

#1 - SW 1/4 of NW 1/4

#2 - NW 1/4 of SE 1/4

Report of Findings to be provided to state reclamation officers
and State Historical Society, Antiquities Division.

Other information pertinent to this application.

REPORT OF INSPECTION FOR CULTURAL RESOURCES

Project name and developer: Kelmine Corporation, ML-33315

Location and description of project areas: Consists of two, one acre parcels. Both are located in T43S, R14E section 36. One acre is situated in the southwest 1/4 of the northwest 1/4 and the other in the northwest 1/4 of the southeast 1/4 of section 36.

Both mine locations are situated on gently sloping terrain cut by numerous, shallow, dry washes draining west to Oljeto Wash. Vegetation is Lower Sonoran, characterized by widely scattered, low shrubs such as Ephedra (mormon tea), Atriplex (saltbush), with Utah juniper present in very low density. Soils at both locations are shallow and rocky with much of both areas covered by young desert pavements. The elevation of these locations is approximately 5,200 feet.

Description of examination procedures: The affected areas were inspected in their entirety by systematically walking each location. Subsurface testing by trowel probing or auger boring was considered unnecessary as soil depth could be determined by examination of surface features. Date of fieldwork was 10/11/77.

Description of findings: Both areas are barren of prehistoric material. Widely scattered historic material was observed but consists of debris from relatively recent (1950's-1964) mining activity in the area such as glass, cans etc. Due to the shallow soil depth over most of both sites, the possibility of encountering buried deposits is considered remote.

Conclusions/recommendations: The properties in question should be cleared in terms of cultural resources. No further investigation is recommended.

Signature of person in direct charge of fieldwork: Steven R. Simms

